Optima

instrument cases and consoles

Optima

your product will
look better
perform better
sell better
wearing this new package by

S-A SCIENTIFIC-ATLANTA, INC.

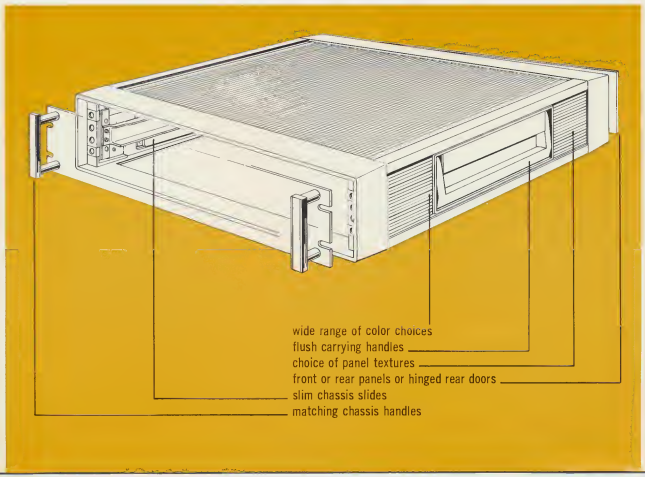
Optima case history

Scientific-Atlanta has a proven industry record for strict insistence on maintaining the highest quality in its products. Its antenna pattern range measurement instruments are universally accepted as the industry's leaders in performance and quality. This reputation has been earned by the firm's policy of developing its own components whenever its rigid requirements could not be met by available equipment. In this fashion, the OPTIMA Line was born. Scientific-Atlanta was not satisfied with standard instrument cases and consoles available on the open market . . . so they made their own! The OPTIMA Line was created and developed by Scientific-Atlanta engineers, working in conjunction with one of the country's foremost industrial designers. The design goal was a modern line of instrument cases and consoles which combined functional versatility, outstanding appearance, and moderate cost. This goal has been completely achieved. Proof of this is the successful acceptance of this new design with Scientific-Atlanta's own products. Now, this new breakthrough is available to industry users in general as the OPTIMA Line.

Optima instrument cases

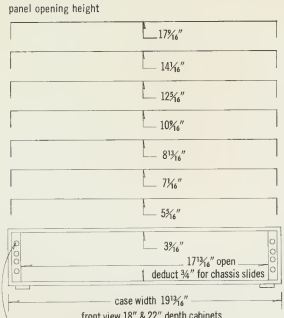
Available in 16 sizes to house standard 19" panel-mounted instruments, these cases are fabricated entirely of vinyl finished aluminum with die-cast bezels for best weight to strength ratio. This imaginative design has an overall width of only 19-13/16" and a height of ¾" over panel height. The flush handles have horizontal stops and are amply long to allow carrying unbalanced loads. Cases may be stacked; the rubber feet of one nesting into the top panel corners of another to maintain accurate vertical alignment. ■ Matching chassis pull-out handles, slim chassis slides, front and rear mounting panels, and hinged rear doors are available as complementary accessories to provide you with a well-rounded modular enclosure system for your electronic instruments.

Optima optional features



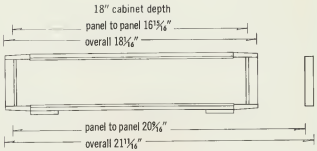
Scientific-Atlanta, Inc.

Optima | cabinet dimensions



Panel mounting holes for 10Z Tinnerman nuts and front panel screws. (See accessory list for description) Holes have standard panel spacing.

All cases take STD 19″ panels. (Actual panel opening 19-1/16″.) Height of case exclusive of feet is nominal panel height plus ¾″. Any height and depth combination can be ordered. Blueprint of case on request.



All dimensions ±½″.

Optima | cabinet ordering information

(for standard 19″ panel widths)

nominal panel height			3½″	5¼″	7″	8¾″	10½″	12¼″	14″	17½″
cabinets	18″ depth	model no.	E-3M	E-5M	E-7M	E-8M	E-10M	E-12M	E-14M	E-17M
		weight lbs. †	14¼	15½	17	18	19½	20¾	22	24½
	22″ depth	model no.	E-3	E-5	E-7	E-8	E-10	E-12	E-14	E-17
		weight lbs. †	16	17½	18¾	20¼	21½	23	24¼	25½
part no. front panels*			P-3	P-5	P-7	P-8	P-10	P-12	P-14	P-17
part no. hinged rear doors*			D-3	D-5	D-7	D-8	D-10	D-12	D-14	D-17
part no. chassis handles			H-3	H-5	H-7	H-8	H-10	H-12	H-14	H-17

chassis slides (anodized aluminum, nylon glides)
18″ cabinet — S-18
22″ cabinet — S-22

† Note: For cabinet weight without handles deduct 2 lbs. For cabinet without handles add suffix A to model number.

*Note: Actual panel and door heights are nominal less ⅛″. Material is ⅛″ thick 2024-T3 stretcher leveled bare aluminum with milled slots.

Note: Chassis slides and chassis handles are shipped separately with attaching hardware. Part numbers are per pair. A kit of front-panel screws and Tinnerman nuts is included with each cabinet.

When ordering, please specify the following:

1. Cabinet Model No.
2. Accessories by Part No.
3. Color, solid or two-tone.
   When ordering two-tone, specify first color for side and top panels; specify second color for bezels and cabinet handles. Also specify color for front and rear panels, rear door and chassis handles, if ordered.
4. Texture of Side and Top Panels. (See Optima finishes on reverse side.) Specify textured or non-textured vinyl and smooth or fluted aluminum.

For additional information, contact: Scientific-Atlanta, Inc.,
P. O. Box 13654, Atlanta, Georgia 30324.
Phone: 404-938-2930. TWX: 404-938-1322.

Optima console dimensions

Optima console ordering information

Consoles

one-section; 26½" wide		Depth 24"	Depth 36"
	**	C-1S	C-1
	*	C-1SA	C-1A
two-section; 46¼" wide			
		C-2S	C-2
	*	C-2SAL	C-2AL
	*	C-2SAR	C-2AR
	*	C-2SB	C-2B
three-section; 66" wide			
		—	C-3
	*	—	C-3AL
	*	—	C-3AR
	*	—	C-3B
	*	—	C-3BL
	*	—	C-3BR
	*	—	C-3C

Accessories

top cabinet bases *		
console	straight	angle
one-section	B-1	B-1A
two-section	B-2	B-2A
three-section	B-3	B-3A

storage drawers for mounting in standard cabinets	
3½"	DR-3
5¼"	DR-5
7"	DR-7

cable troughs (used only with 36" deep consoles)	
one-section	T-1
two-section	T-2
three-section	T-3

Matching console chair by Herman Miller
SC-1 without cushions
SC-2 as illustrated

* Cabinets mounted under the console will be furnished mounted straight unless specified. To specify tilted, add suffix as follows: "T" for single cabinet or all cabinets tilted; "RT" for right cabinet; "LT" for left cabinet; "CT" for center cabinet.
** DR-3 storage drawers can be installed under desk top of C-1S and C-1 consoles.
★ Bases include blank brushed aluminum power panel (3" x 6").

Hardware
HW-1, Front panel screws, decorative Phillips head 10Z sheet metal screws, nickel plated.
HW-2, Front panel Tinnerman nuts, U Type, 10Z, cadmium plated.
HW-3, Nylon cable tie for mounting cables up to 1¼" diameter.
HW-4, Nylon cable tie for mounting cables up to 1¾" diameter.
HW-7, Kick Panels are furnished with all consoles having under-counter enclosures, and are available as optional accessories for Models C-1S, C-1, C-2S, C-2, and C-3.

NOTE: All console desk tops are 29½" high and are furnished with casters.

Cable Mounting Brackets
MB-1, Double bracket for clamping cables between two top cabinets at rear.

Electrical outlets for installation into lower rear console crossbar
PO-1, Duplex Grounded 115VAC, 15A

Upper Cabinets
Choose any combination of 22" depth cabinets up to 28" total panel height for straight bases — up to 19¼" panel height for angled bases.
When ordering, please specify the following:
1. Console Model Number
2. Accessories by Part Number (See Cabinet Ordering Information for front panels, chassis handles, and chassis slides). Specify color.
3. Color, solid or two-tone
   When ordering two-tone, specify first color for console and under-counter enclosure side panels, and second color for trim.
4. Texture of Side Panels
   (See Optima finishes on reverse side.) Specify textured or non-textured vinyl and smooth or fluted aluminum.